

Comparisons of Job Characteristics

Focus Occupation: [Speech-Language Pathologists \(29-1127\)](#)

Associated Occupation: [Special Education Teachers, Preschool, Kindergarten, and Elementary School \(25-2041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Education and Training	9.2	17.9	19.2	0	Current knowledge level may be sufficient
English Language	11.2	17.6	23.4	>>	Current knowledge level is likely more than sufficient
Psychology	6.4	15.4	16.6	0	Current knowledge level may be sufficient
Therapy and Counseling	3.8	11.3	19.1	>>	Current knowledge level is likely more than sufficient
Sociology and Anthropology	4.1	10.2	11.8	>	Current knowledge level is likely sufficient
Geography	3.9	7.7	3.2	<<	Extensive education and/or training may be required
Philosophy and Theology	3.2	7.1	6.1	<	Expanded education and/or training may be required
History and Archeology	2.6	6.1	2.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Learning Strategies	7.2	15.2	12.6	<	A higher skill level may be required
Social Perceptiveness	9.1	14.2	14.5	0	Current skill level may be sufficient
Monitoring	9.9	12.8	13.9	0	Current skill level may be sufficient
Instructing	7.8	12.5	11.6	0	Current skill level may be sufficient

Coordination	9.1	12.2	10.3	<	A higher skill level may be required
Service Orientation	7.9	11.8	11.4	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Speech-Language Pathologists (29-1127)					
Associated Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speech Clarity	10.2	13.2	15.7	>	Current ability level is likely sufficient
Speech Recognition	9.9	13.0	18.8	>>	Current ability level is likely more than sufficient
Originality	7.6	11.6	12.0	0	Current ability level may be sufficient
Fluency of Ideas	7.6	10.6	12.8	>	Current ability level is likely sufficient
Time Sharing	6.6	8.0	7.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 28
Focus Occupation: Speech-Language Pathologists (29-1127) Associated Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)		
Work Activities	Exclusivity of Activity	
Use interpersonal communication techniques	10	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Speech-Language Pathologists (29-1127) Associated Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)		
Tools and Technologies	Exclusivity	
Audio and visual equipment	4	
Cameras	2	
Communication aids for the physically challenged	29	
Computer data input devices	2	

Computers	1
Content authoring and editing software	1
Educational or reference software	12
Information exchange software	1
Network applications software	1
Utility and device driver software	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.